

FERROUS SCRAP REVIEW

INCORPORATING STEELMAKING RAW MATERIALS PRICE DATA

SELECTED DOMESTIC FERROUS SCRAP PRICES (US\$/metric tonne)

	Nov-15		Dec-15				Jan-16			
	Mid		Early		Mid		Early		Mid	
	Low	High	Low	High	Low	High	Low	High	Low	High
China ¹	160	168	147	156	141	149	144	152	149	157
India ¹	235	240	218	223	231	236	245	250	239	244
Japan ^{2 *}	116	124	118	126	122	134	122	138	117	134
Russia ^{3 †}	112	135	89	109	89	109	86	100	88	100
South Korea ¹	127	136	125	134	121	130	122	130	130	138
Taiwan ¹	135	140	135	140	132	137	130	135	148	153
European Union ⁴										
- E3 / HMS1	156				162				157	
- E40 / Shredded	164				172				169	
USA										
Eastern States ⁵										
- HMS1	141				145				157	
- Shredded	165				171				183	
Mid-West ⁶										
- HMS1	137				140				165	
- Shredded	158				161				187	

¹ HMS1&2 (80:20)

² H2

³ 3A

Italics - Preliminary figure

* - Average Japanese steel plant purchasing price

† - Average Russian steel plant purchasing price - Central, Siberia, Southern & Ural federal districts

⁴ - Average price in France, Germany, Italy & Spain over the month

⁵ - Average price in Philadelphia & Pittsburgh over the month

NA - Not Available

⁶ - Average price in Chicago, Cincinnati & St. Louis over the month

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Ferrous scrap

BUSINESS SENTIMENT IMPROVES IN GLOBAL FERROUS SCRAP MARKETS

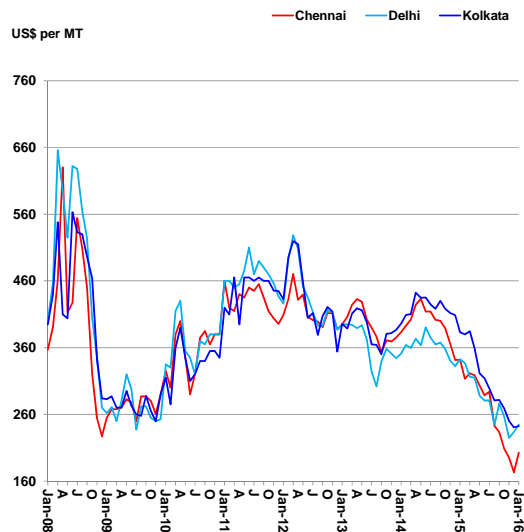
BACKGROUND

The prognosis for prices in the global commodity markets has deteriorated over the period surveyed. For most of January, attention has been focused on whether the cost of Brent crude and U.S. crude would fall below US\$30 per barrel (the market's psychological price barrier). Without a production agreement, fundamentals point to lower numbers. Despite a price collapse and spending cutbacks across much of the industry, major OPEC producers are sticking to investment plans and some intend to boost supply. Unwanted pressure has also arisen from fears of a sharp slowdown in global economic growth, particularly in China.

Focus is also being paid to January's U.S. Federal Reserve policy meeting (being held in week 4). The first since the central bank increased its key interest rates for the first time in nearly a decade. Since then, several analysts have expressed the view that rates were lifted too soon. Moreover, this group have stated that the likelihood of a rate hike, in March, has been diminished by weak consumer price inflation (owing to a fall in the cost of energy products and food), and unconvincing data on housing starts and building permits. Earlier in the month, weaker-than-expected manufacturing and industrial output indicators had raised concerns of a significant slowdown in U.S. economic growth at the end of 2015.

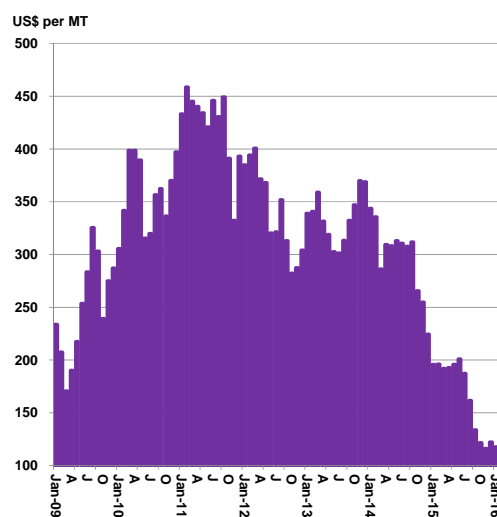
Sentiment surrounding the Chinese economy (the world's second largest) is unchanged. It grew by 6.9 percent in 2015, a 25 year low. Despite this, the IMF has maintained its previous forecasts of 6.3 percent in 2016 and 6.0 percent in 2017. Observers have expressed concerns over the country's economic policy, after the latest falls in its stock markets and the yuan's recent volatility.

Domestic Indian prices, in US dollar terms, up 3.8 percent



Source: MEPS International

Japanese HMS2 quotations fall by 3.9 percent



Source: MEPS International

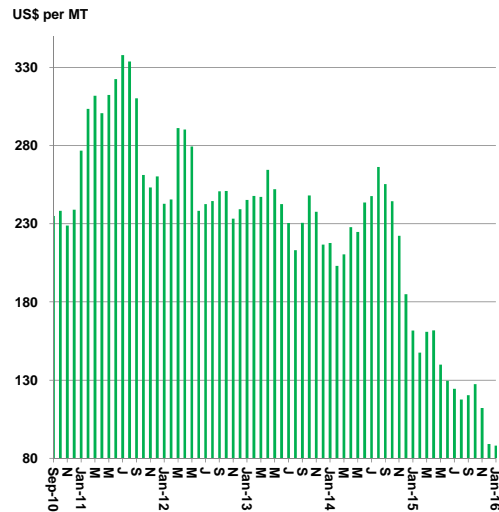
SCRAP PRICE TRENDS

Domestic settlement scrap prices increased, in January, in eight of the thirteen countries researched. Average, month-on-month, upturns ranged from 6.8 percent to 14.0 percent. Currency exchange rate movements distorted the percentage difference when local values were converted into US dollars – particularly, in Russian Federation (+10.0 percent), South Africa (+8.3 percent), Mexico (+5.0 percent), South Korea (+3.0 percent), Japan (-2.9 percent) and Turkey (+2.6 percent).

- The business environment in the Chinese steel market is unchanged. Provincial ferrous scrap quotations, in renminbi terms, increased on average by 7.5 percent this month. However, trading firms believe that the uptrend will be short-lived, forecasting downward pressure after the Lunar New Year holidays (February 7-13). Regarding foreign supply, the country's custom authority has disclosed that, in December, a total of 201,364 tonnes of ferrous scrap material was imported – up 13.8 percent, month-on-month. Of the total, Japan supplied the largest quantity (75.3 percent). Local brokers report that Australian seaborne iron ore fines in week 3 (with an iron content of 62.5 percent), were traded, on average, at US\$41.15 per tonne CFR, 6.8 percent above the mid-December settlement figure.

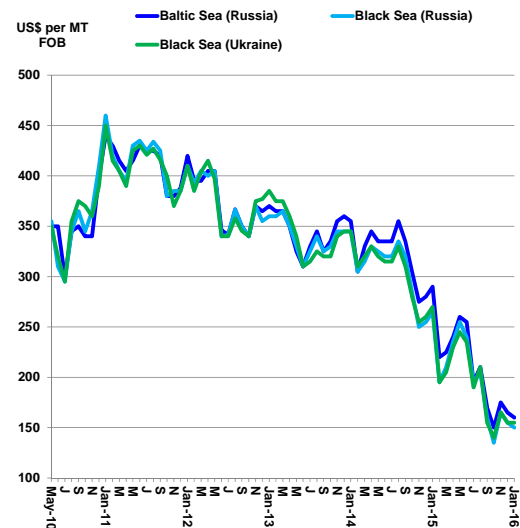
- Challenging market conditions persist in India. Domestic traders report that underlying demand for finished steel products has not picked up significantly this month. Buyer apprehension has unsettled ferrous scrap demand. The prospect of the imposition of safeguard duties and minimum import pricing has made it too risky for importers to finalise any deals at this stage. Quotations for containerised HMS1&2 (80:20) graded material stood at US\$175-180 per tonne CFR – down 5.4 percent over the period surveyed. For January, NMDC's iron ore contract basis rates are unchanged at Rs1,560 per tonne of fines and

Russia's MMK expand 3A purchasing area



Source: MEPS International

CIS 3A export quotations soften in January

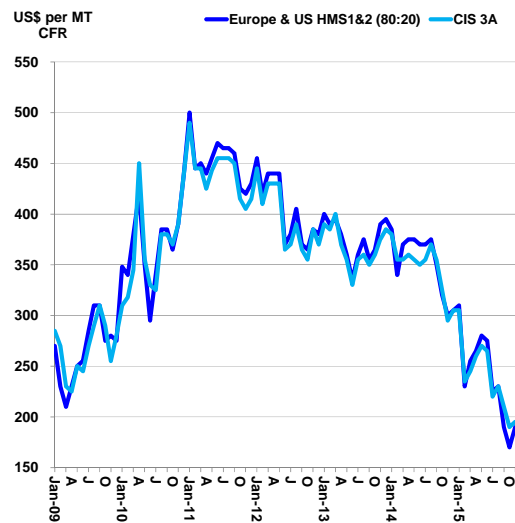


Source: MEPS International

Rs2,800 per tonne of lumps.

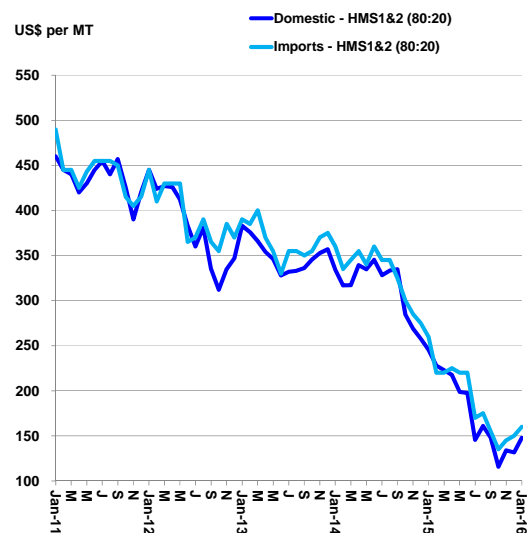
- The outlook for the Japanese steel market remains tepid. Tokyo Steel Manufacturing, a bellwether for the domestic steel industry, has reduced its HMS2 purchasing prices at all five of its subsidiaries – down ¥500 per tonne this month. Meanwhile, in the Tokyo Bay area, benchmark export prices for HMS2 graded material were ¥16,000-16,500 per tonne, FAS (in week 3) – down 38.5 percent compared with the corresponding period last year.
- Russian transaction values for 3A-graded material edged higher in all three federal districts surveyed. In week 4, Magnitogorsk Iron & Steel Works (MMK) persevered with a conservative open market purchasing strategy, for all grades of scrap. January's trading was restricted to Altai Krai, Chelyabinsk Oblast, Kemerovo, Kurgan Oblast, Novosibirsk Oblast, Orenburg Oblast, Sverdlovsk Oblast, Tomsk and Republic of Bashkortostan. 3A-graded material was settled in the range RUB6,300-7,300 per tonne. Meanwhile, NLMK and NLMK-Kaluga's average buying figures were held at RUB6,824 per tonne and RUB6,850 per tonne (excluding VAT and shipping costs), respectively.
- CIS exporters are divided over the pricing outlook for the February-March period. Tonnages designated for overseas sales have been limited. In early trading, Turkish importers were reluctant to conclude deals. In week 3, exporters operating out of Novorossiysk and St. Petersburg lowered their price demands.
- Effective price settlements increased this month for the three bellwether cut grades tracked in the United States. The pricing uptick was exacerbated by a shortage of scrap material and rumours that the U.S. government was planning to impose import duties on several finished steel products. In February, the size of any price growth in obsolete and prime industrial grades will be dictated by the

Turkish import offers soften in January



Source: MEPS International

Taiwanese transaction values edge higher in January



Source: MEPS International

flow of feedstock into scrap yards and the operating rates of electric arc furnace mills. Expectations of a potential price drop were ended by storm Jonas. Regarding exports, offshore demand for bulk cargos declined and containerised scrap quotations have fallen owing to seasonal demand. Other factors include low-cost foreign billet material and the strength of the US dollar.

- February price negotiations are expected to be arduous in Turkey. Purchasing managers plan to persevere with a cautious procurement strategy for imports, amid mediocre sales of finished steel products and a fall in the cost of local square billet material. On the domestic front, Asil Çelik's scrap purchasing figures were unchanged over the period surveyed. In week 3, the steel producers' buying positions for bonus grade scrap material (DKP) were TL500 per tonne (US\$169) and extra grade (EKSTRA) at TL490 per tonne (US\$165). Meanwhile, Erdemir's Iskenderun integrated steelworks' purchase prices were TL525 per tonne (US\$177) and TL520 per tonne (US\$175), respectively. MEPS assessment of the differential between 3A graded scrap imports into Turkey and billet exports from the CIS stood at US\$85 per tonne (previously US\$60 per tonne).
- Difficult trading conditions persist in the Taiwanese steel market. Underlying demand for finished steel products has slowed down due to a lack of large construction projects. Nonetheless, Feng Hsin Iron & Steel, a leading electric arc furnace operator and benchmark price-setter, raised its domestic scrap purchase prices for all grades of scrap (up by a total of NT\$600 per tonne). The upward trend was in response to a shortage of imported billet material and the bullish pricing positions adopted by North American and Japanese suppliers. In week 3, containerised shipments of HMS1&2 (80:20) graded scrap material were US\$160-165 per tonne (up 6.7 percent, month-on-month). The differential between domestic scrap and higher priced imports has narrowed to US\$12 per tonne (previously US\$18 per tonne).
- February price negotiations are expected to be arduous in South Korea. Local steelmakers, operating electric furnaces, purchased domestic material on a requirement basis this month, due to stagnant demand for finished steel and the availability of low-cost overseas billet material. The current initiative by US suppliers to lift prices is viewed as ill-timed, counterproductive and likely to escalate purchases from alternative sources. The price premium for imported scrap, relative to domestically processed material, now totals US\$52 per tonne (previously US\$39 per tonne).

DOMESTIC FERROUS SCRAP PRICES (Local Currencies per metric tonne)

	Nov-15		Dec-15				Jan-16				Mid-Month	
	Mid		Early		Mid		Early		Mid		Difference	
	Low	High	Low	High	Low	High	Low	High	Low	High	%	
China ('000 RMB) ¹												
- Guangzhou Province	1.02	1.09	0.98	1.05	0.94	1.02	1.00	1.07	0.97	1.05	3.4%	
- Hebei Province	1.03	1.07	0.94	0.98	0.90	0.94	0.93	0.98	1.00	1.05	10.9%	
- Jiangsu Province	0.98	1.03	0.92	0.97	0.87	0.92	0.89	0.94	0.94	0.99	8.3%	
- Shandong Province	1.02	1.07	0.94	0.99	0.90	0.95	0.94	0.99	0.97	1.02	7.8%	
- Average	1.01	1.07	0.94	1.00	0.90	0.96	0.94	1.00	0.97	1.03	7.5%	
Estonia (€) ³	90	95	90	95	90	95	90	95	90	95	0.0%	
India ('000 Rs) ¹												
- Chennai	12.80	13.13	11.00	11.33	11.50	11.83	13.72	14.05	13.50	13.83	17.4%	
- Delhi	14.75	15.08	13.53	13.86	15.53	15.86	16.29	16.63	16.29	16.63	5.0%	
- Kolkata	16.40	16.73	15.80	16.13	16.00	16.33	17.08	17.41	16.15	16.48	0.9%	
- Mandi Gobindgarh	17.60	17.93	17.50	17.83	18.30	18.63	18.13	18.46	17.80	18.13	-2.7%	
- Average	15.39	15.72	14.46	14.79	15.33	15.66	16.30	16.64	15.94	16.27	3.9%	
- Average (Ex Mandi G.)	14.65	14.98	13.44	13.78	14.34	14.67	15.70	16.03	15.31	15.65	6.8%	
Japan ('000 ¥) ^{2 *}	14.0	15.0	14.5	15.5	15.0	16.5	14.5	16.5	14.0	16.0	-6.7%	
Mexico ('000 MEX\$) ¹	2.27	2.42	2.33	2.48	2.37	2.52	2.63	2.78	2.63	2.78	11.1%	
Russia ('000 RUB) ^{3 †}	7.18	8.68	5.93	7.24	5.93	7.24	6.33	7.36	6.45	7.36	8.9%	
Philippines ('000 PHP) ¹	8.50	8.60	8.75	9.00	8.75	9.00	8.75	9.00	8.75	9.00	0.0%	
South Africa ('000 R) ^{1 ‡}	1.40	1.50	1.56	1.66	1.56	1.66	1.67	1.77	1.67	1.77	6.9%	
South Korea ('000 KRW) ¹	145	155	145	155	140	150	145	155	155	165	10.7%	
Taiwan ('000 NT\$) ¹	4.40	4.56	4.40	4.56	4.30	4.46	4.30	4.47	4.90	5.07	14.0%	
Ukraine ('000 UAH) ³	2.34	2.44	2.28	2.38	2.19	2.29	2.13	2.23	2.15	2.25	-1.5%	
European Union (€) ⁴												
- E3 / HMS1	141				153				145		-5.0%	
- E40 / Shredded	149				162				157		-3.6%	
- E8 / Busheling	141				156				152		-2.8%	
USA (US\$)												
Eastern States ⁵												
- HMS1	141				145				157		8.7%	
- Shredded	165				171				183		6.9%	
- Busheling	165				169				180		6.3%	
Mid-West ⁶												
- HMS1	137				140				165		17.5%	
- Shredded	158				161				187		16.5%	
- Busheling	156				158				180		14.1%	

¹ HMS1&2 (80:20)

² H2

³ 3A

^{*} - Average Japanese steel plant purchasing price

[†] - Average Russian steel plant purchasing price - Central, Siberia, Southern & Ural federal districts

[‡] - Average South African steel plant purchasing price

⁴ - Average price in France, Germany, Italy & Spain over the month

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Italics - Preliminary figure

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DOMESTIC FERROUS SCRAP PRICES (US\$/metric tonne)

	Nov-15		Dec-15				Jan-16				Mid-Month
	Mid		Early		Mid		Early		Mid		Difference
	Low	High	Low	High	Low	High	Low	High	Low	High	%
China ¹											
- Guangzhou Province	160	172	153	165	147	159	152	164	149	160	1.3%
- Hebei Province	163	169	147	153	141	147	142	150	153	160	8.6%
- Jiangsu Province	154	162	143	151	136	144	137	144	144	152	6.1%
- Shandong Province	161	169	147	155	141	148	144	152	148	156	5.6%
- Average	160	168	147	156	141	149	144	152	149	157	5.3%
Estonia ³	99	104	96	101	96	101	97	102	97	102	1.7%
India ¹											
- Chennai	195	200	165	170	173	178	206	211	203	208	17.2%
- Delhi	225	230	204	209	234	239	245	250	245	250	4.8%
- Kolkata	250	255	238	243	241	246	257	262	243	248	0.8%
- Mandi Gobindgarh	268	273	263	268	275	280	272	277	267	272	-2.9%
- Average	235	240	218	223	231	236	245	250	239	244	3.8%
- Average (Ex Mandi G.)	223	228	202	207	216	221	236	241	230	235	6.6%
Japan ^{2*}	116	124	118	126	122	134	122	138	117	134	-3.9%
Mexico ¹	138	147	141	150	143	152	152	160	152	160	5.8%
Russia ^{3†}	112	135	89	109	89	109	86	100	88	100	-1.0%
Philippines ('000 PHP) ¹	181	184	185	191	185	191	186	191	186	191	0.0%
South Africa ^{1‡}	102	109	108	115	108	115	107	113	107	113	-1.3%
South Korea ¹	127	136	125	134	121	130	122	130	130	138	7.5%
Taiwan ¹	134	135	135	140	132	137	130	135	148	153	12.3%
Ukraine ³	101	106	95	99	91	95	88	92	89	93	-2.2%
European Union ⁴											
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¹ HMS1&2 (80:20)² H2³ 3A

* - Average Japanese steel plant purchasing price

† - Average Russian steel plant purchasing price - Central, Siberia, Southern & Ural federal districts

‡ - Average South African steel plant purchasing price

⁴ - Average price in France, Germany, Italy & Spain over the month⁵ - Average price in Philadelphia & Pittsburgh over the month⁶ - Average price in Chicago, Cincinnati & St. Louis over the month*Italics* - Preliminary figure

NA - Not Available

INTERNATIONAL FERROUS SCRAP MARKETS (US\$/metric tonne)

	Nov-15		Dec-15				Jan-16				Mid-Month
	Mid		Early		Mid		Early		Mid		Difference
EXPORT (FOB)	Low	High	Low	High	Low	High	Low	High	Low	High	%
CIS¹											
- Baltic Sea (Russia)	175	180	170	175	165	170	170	175	160	165	-3.0%
- Black Sea (Russia)	165	170	160	165	155	160	155	160	150	155	-3.2%
- Black Sea (Ukraine)	165	170	160	165	155	160	155	160	155	160	0.0%
European Union (Port of Rotterdam)											
- HMS1&2 (80:20)	170	175	175	180	170	175	175	180	170	175	0.0%
- Shredded	175	180	180	185	175	180	180	185	175	180	0.0%
Japan²	116	121	118	123	122	127	134	139	133	138	8.9%
South Africa³	122	127	130	135	130	135	128	133	128	133	-1.3%
United Kingdom³	175	180	170	175	175	180	175	180	170	175	-2.9%
USA³											
- East Coast	180	185	180	185	175	180	170	175	165	170	-5.7%
- West Coast	155	160	155	160	150	155	150	155	155	160	3.3%
Miami/Houston^Δ											
- HMS1&2 (80:20)	125	130	140	145	140	145	155	160	155	160	10.7%
- Shredded	155	160	165	170	165	170	190	195	190	195	15.2%
IMPORTS (CFR)											
China											
- HMS1	180	185	180	185	180	185	180	185	180	185	0.0%
- Shredded	185	190	185	190	185	190	185	190	185	190	0.0%
- H2 (ex Japan)	140	150	145	155	145	155	170	180	155	165	6.9%
India⁴											
- HMS1&2 (80:20)	185	190	185	190	185	190	190	195	175	180	-5.4%
- Shredded	190	195	190	195	190	195	195	200	180	185	-5.3%
SE Asian port^{3 †}	170	175	170	175	170	175	185	190	185	190	8.8%
South Korea⁵											
- HMS1&2 (80:20)	160	165	160	165	160	165	160	165	170	175	6.3%
- H2 (ex Japan)	135	140	140	145	140	145	165	170	150	155	7.1%
Taiwan⁶											
- HMS1&2 (80:20)	145	150	150	155	150	155	150	155	160	165	6.7%
- Shredded	150	155	155	160	155	160	155	160	165	170	6.5%
Turkey											
- ex Europe / U.S. ³	190	195	195	200	190	195	190	195	180	185	-5.3%
- ex CIS ¹	195	200	190	195	185	190	185	190	175	180	-5.4%
- Shredded - ex EU / U.S.	195	200	200	205	195	200	195	200	185	190	-5.1%
UAE ex EU / U.S.^{3 †}	185	190	190	195	185	190	185	190	185	190	0.0%

¹3A

Δ FAS inco terms

NA - Not Available

²H2*Italics* - Preliminary figure³HMS1&2 (80:20)

† - Average steel plant purchasing price

⁴ - Average price in Nhava Sheva & Mundra ports⁵ - Average price in Pohang & Pusan⁶ - Average price for HMS1&2 (80:20) in Taichung & Kaohsiung

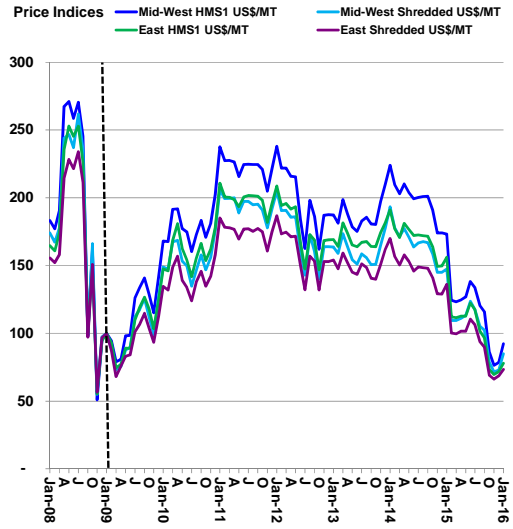
Ferrous Scrap Prices Indices

European Ferrous Scrap Export Price Indices (January 2009 = 100)



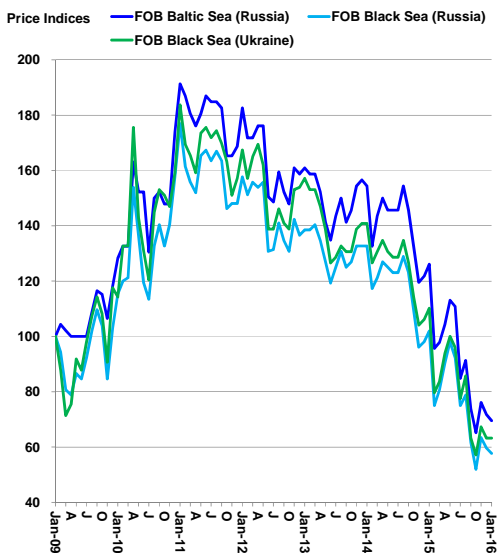
Source: MEPS International

Domestic US Ferrous Scrap Price Indices (January 2009 = 100)



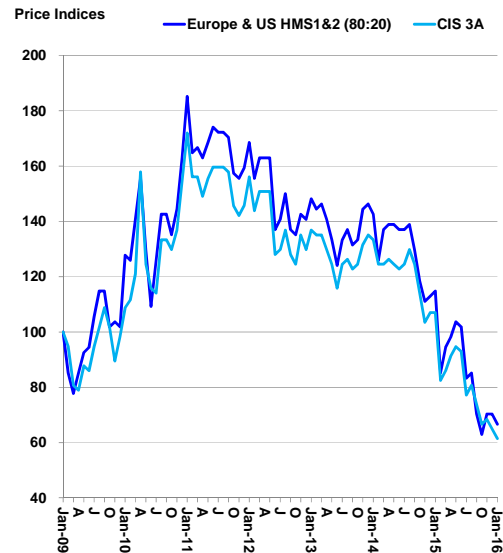
Source: MEPS International

CIS Ferrous Scrap Export Price Indices (January 2009 = 100)



Source: MEPS International

Turkish Ferrous Scrap Import Price Indices (January 2009 = 100)



Source: MEPS International

FERROUS SCRAP PRICES INDICES

	BASE JAN-09	Jan-10 Mid	Jan-11 Mid	Jan-12 Mid	Jan-13 Mid	Jan-14 Mid	Jan-15 Mid	Sept Mid	Oct Mid	Nov Mid	Dec Mid
DOMESTIC †											
China ¹											
- Guangzhou Province	100	104.5	132.7	131.1	111.6	96.6	68.6	53.3	49.0	46.2	42.8
- Hebei Province	100	112.4	147.8	146.7	128.2	109.6	78.5	62.8	57.9	53.7	47.0
- Jiangsu Province	100	106.9	133.2	133.0	115.5	95.7	71.9	53.0	48.3	45.7	40.6
- Shandong Province	100	104.5	139.6	137.2	119.0	104.7	73.7	57.0	53.1	50.1	44.2
- Average	100	107.0	138.0	136.7	118.3	101.4	73.0	56.3	51.9	48.8	43.6
European Union ±											
- E3 / HMS1	100	95.5	167.1	150.4	141.4	129.0	107.0	81.7	69.6	68.9	74.7
- E40 / Shredded	100	100.3	181.2	154.0	144.7	133.8	111.2	85.4	71.1	70.7	77.2
India ¹											
- Chennai	100	115.9	162.3	169.8	165.6	186.6	168.6	121.0	107.0	99.9	89.8
- Delhi	100	117.2	159.2	173.5	162.4	167.7	165.8	134.1	128.8	113.0	118.9
- Kolkata	100	104.3	137.6	166.7	154.0	179.1	175.5	135.6	128.0	118.9	116.0
- Average	100	112.3	152.7	169.9	160.5	177.8	170.1	130.4	121.5	110.8	108.5
Japan *	100	135.7	171.4	140.5	140.5	171.4	111.9	76.2	69.0	66.7	71.4
Russia †	100	171.8	191.4	201.6	191.4	147.4	189.3	175.9	171.8	147.8	121.9
USA ²											
- Eastern States ⁴	100	147.4	210.8	205.1	169.2	191.1	156.1	96.6	73.4	69.7	71.6
- Mid-West ⁵	100	168.0	237.6	235.1	187.4	224.0	173.2	115.8	86.2	76.4	78.5
EXPORT (FOB)											
CIS ³											
- Baltic Sea (Russia)	100	128.3	191.3	182.6	160.9	154.3	126.1	73.9	65.2	76.1	71.7
- Black Sea (Russia)	100	115.4	176.9	157.7	138.5	132.7	101.9	61.5	51.9	63.5	59.6
- Black Sea (Ukraine)	100	114.3	183.7	167.3	157.1	140.8	110.2	63.3	57.1	67.3	63.3
European Union (Rotterdam)											
- HMS1&2 (80:20)	100	122.0	196.0	170.0	150.0	144.0	116.0	70.0	60.0	68.0	68.0
- Shredded	100	117.0	186.8	172.0	152.0	146.0	118.0	72.0	62.0	70.0	70.0
USA ¹											
- East Coast	100	123.5	186.3	170.6	148.2	139.2	111.8	68.6	60.8	70.6	68.6
- West Coast	100	120.8	166.0	164.2	142.3	135.8	98.1	54.7	58.5	58.5	56.6
IMPORTS (CFR)											
India ‡											
- HMS1&2 (80:20)	100	128.0	192.0	180.0	156.0	146.0	116.0	84.0	70.0	74.0	74.0
- Shredded	100	143.1	192.2	178.4	154.9	145.1	115.7	84.3	70.6	74.5	74.5
Taiwan ^{1 **}	100	116.4	136.1	145.9	126.2	118.0	85.2	50.8	44.3	47.5	49.2
Turkey											
- ex-Europe / U.S. ¹	100	127.8	185.2	168.5	148.1	142.6	114.8	70.4	63.0	70.4	70.4
- ex CIS ³	100	108.8	171.9	156.1	136.8	133.3	107.0	73.7	66.7	68.4	64.9
UAE ¹	100	108.4	183.2	173.8	151.4	130.8	119.6	78.5	76.6	69.2	69.2

† Domestic ferrous scrap price indices have been created using national currencies

¹HMS1&2 (80:20)

²HMS1

³3A

⁴ - Average price in Philadelphia & Pittsburgh over the month

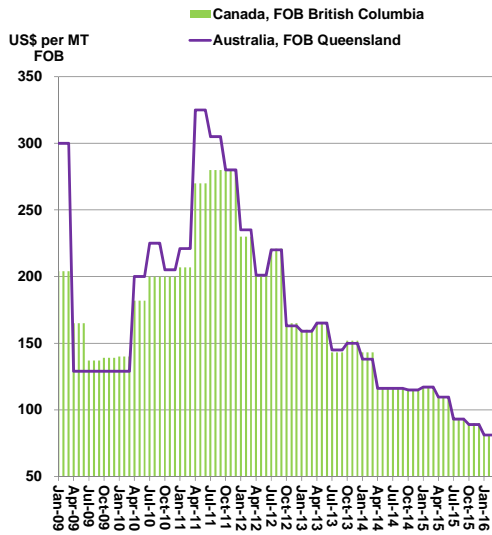
⁵ - Average price in Chicago, Cincinnati & St. Louis over the month

* - Average Japanese steel plant purchasing price

** - Average price in Kaohsiung & Taichung

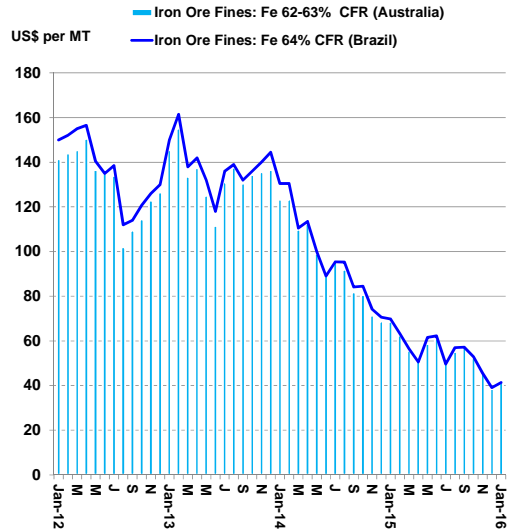
Steelmaking Raw Materials

Global Hard Coking Coal Price Trends



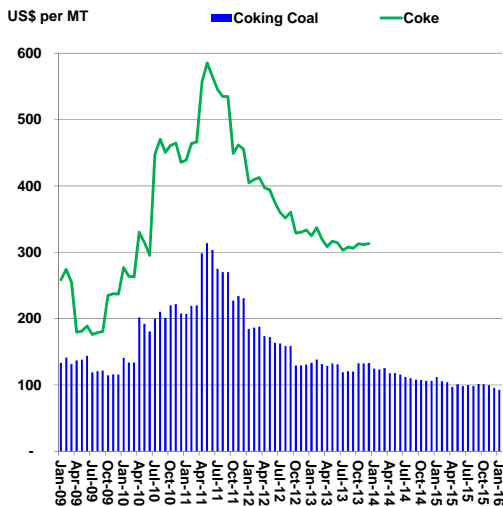
Source: MEPS International

China – Iron ore Benchmark Prices



Source: MEPS International

European Union Coal Price Trends



Source: MEPS International

CURRENCY EXCHANGE RATES - January 4th 2016

		Units / US\$	Units / US\$	m-o-m Change
		January	December	
Brazil	R\$	4.06	3.85	5.6%
China	RMB	6.53	6.40	2.1%
Egypt	EGP	7.83	7.83	0.0%
Euro Zone	€	0.93	0.94	-1.7%
India	Rs	66.57	66.47	0.2%
Indonesia	IDR	13,973	13,830	1.0%
Iran	IRR	29,830	30,295	-1.5%
Japan	¥	119.30	122.90	-2.9%
Malaysia	RM	4.35	4.23	2.9%
Pakistan	Rp	104.80	105.47	-0.6%
Philippines	PHP	47.15	47.17	0.0%
Russia	RUB	73.21	66.58	10.0%
South Africa	R	15.63	14.43	8.3%
South Korea	KRW	1,192	1,157	3.0%
Taiwan	NT\$	33.16	32.67	1.5%
Thailand	THB	36.18	35.78	1.1%
Turkey	TL	2.97	2.89	2.6%
Ukraine	UAH	24.14	23.97	0.7%
UAE	AED	3.67	3.67	0.0%
Vietnam	VND	22,163	22,487	-1.4%

RAW MATERIALS (US\$ per metric tonne unless stated)

	Oct-15		Nov-15		Dec-16		Jan-16		Mid-Month
	Low	High	Low	High	Low	High	Low	High	Difference %
AUSTRALIA ¹									
Hard coking coal (US\$/MT FOB Queensland)	89	94	89	94	89	94	81	86	-9.0%
Hard coking coal (US\$/MT FOB Queensland)	80	81	74	75	74	75	74	75	0.3%
Iron Ore Fines: Fe 62% (US\$/MT FOB)	45	46	39	40	32	33	36	37	12.0%
Thermal coal (US\$/MT FOB New castle)	68	73	68	73	68	73	68	73	0.0%
Thermal coal (US\$/MT FOB New castle)	57	62	56	61	56	61	56	61	-0.4%
BRAZIL ¹									
Iron Ore Fines: Fe 64% (US\$/MT FOB)	36	37	29	30	22	23	24	25	10.3%
CANADA ¹									
Hard coking coal (US\$/MT FOB British Columbia)	90	95	90	95	90	95	81	86	-10.0%
Premium Hard coking coal (US\$/MT FOB)	95	100	95	100	95	100	86	91	-9.5%
Hard coking coal (US\$/MT FOB British Columbia)	71	72	67	68	67	68	67	68	0.0%
CHINA									
Iron Ore Fines: Fe 62-63% (US\$/MT CFR - Aus)	52	53	46	47	39	40	41	42	6.8%
Iron Ore Fines: Fe 64% (US\$/MT CFR - Brazil)	53	54	46	47	39	40	41	42	5.9%
Iron Ore Fines: Fe 63.5% (US\$/MT CFR - India)	53	54	49	50	41	42	45	46	10.4%
Hard coking coal (US\$/MT CFR - Aus)	87	92	79	84	79	81	78	81	-0.8%
HBI (CFR)	195	200	195	200	195	200	205	210	5.1%
EUROPEAN UNION ²									
Coking coal	101	106	99	104	96	101	93	98	-2.8%
Thermal coal	55	60	54	59	52	57	52	57	-0.3%
HBI (CFR)	185	190	170	175	175	180	180	185	2.9%
INDIA									
Iron Ore (US\$/WMT)									
BF Grade CLO 10-40 mm +/-10%: Fe 67%+ ⁴	53		51		38		38		-0.2%
Baila Lump 6-40mm: Fe 65.5% ³	44		42		31		31		-0.2%
Baila ROM 10-150mm: Fe 65.5% ³	39		37		28		28		-0.2%
Pellets: Fe 63-64% ²	64		59		54		57		6.6%
Iron Ore Fines Grade: Fe 64% ³	26		27		27		27		-0.2%
Iron Ore Fines: Fe 64% (US\$/MT FOB)	44	45	40	41	32	33	37	38	15.0%
Hard coking coal (US\$/MT CFR - Aus)	100	101	94	95	94	95	94	95	0.2%
JAPAN									
Coking Coal (US\$/MT FOB to Japan) ¹									
Hard coking coal	89	94	89	94	89	94	81	86	-9.0%
Semi-soft coking coal	60		60		60		60		0.0%
PCI coal	63		64		64		64		0.0%
PAKISTAN ²									
Hard Coke									
15 - 25mm	126		120		120		121		0.6%
25mm +	393		389		389		391		0.6%
Coking Coal									
Medium Volatile Grade	253		251		251		252		0.6%
Low Volatile Grade	272		269		269		271		0.6%

RAW MATERIALS (US\$ per metric tonne unless stated) *Continued*

	Oct-15		Nov-15		Dec-16		Jan-16		Mid-Month
	Low	High	Low	High	Low	High	Low	High	Difference %
RUSSIA									
Iron Ore									
Pellets (FCA Kachkanar)	43	48	44	49	43	48	39	44	-9.1%
Pellets (DAF)	75	80	70	75	70	75	70	75	0.0%
Agglomerates (FCA Kachkanar)	36		37		36		33		-9.1%
Coal concentrate ⁵									
Kuznetskaya	55	60	56	61	54	59	49	54	-9.1%
Abashevskaya	34	39	34	39	33	38	30	35	-9.1%
Hard coking coal									
10 - 25mm (FCA)	127	128	130	131	125	126	89	90	-28.8%
25 - 40mm (FCA)	152		156		150		137		-9.1%
Coke breeze									
0 - 10mm	76	81	78	83	75	80	68	73	-9.1%
TURKEY									
Foundry Coke (EXW)	375		375		375		375		0.0%
Metallurgical Coke (EXW)	350		350		350		350		0.0%
USA									
Hard coking coal (US\$/MT FOB Norfolk)	89	94	88	94	89	92	87	92	-2.2%

¹ Quarterly contract price

² EXW parity quarterly contract price

³ Ex-mines basis quarterly contract price including royalty and excluding taxes, cess and duties - Chhattisgarh State

⁴ Ex-mines basis quarterly contract price including royalty and excluding taxes, cess and duties - Orissa State

⁵ Price excl. VAT on terms of either FCA Obnorskaya Station or FCA Novokuznetsk-Sevemy Station

Italics - Preliminary figure

Blue - Spot price

NA - Not Available

Glossary

CFR	- Delivery including cost and freight
CIF	- Delivery including costs, insurance and freight
CLO	- Calibrated lumpy Ore
DAF	- Delivered at frontier
DAP	- Delivery at place
EXW	- Ex works
FCA	- Free carrier
FOB	- Delivered free on board
HBI	- Hot briquetted iron
ROM	- Run of mine

MEPS MONTHLY REPORTS



This is our flagship publication. The first report was produced in 1984. Each monthly issue incorporates high and low market prices for eleven steel product forms in the EU - Germany, France, Italy, Spain, UK and Belgium. Data for flat and long products is supplied in each edition.

Prices are displayed in Euros for easy comparison. Details of EU Average Steel Transaction Prices are incorporated together with regular forecasts.

A comprehensive commentary is included in each issue showing the reasons behind monthly price movements and new forecast trends.



Each edition carries domestic steel pricing data in eleven countries across the globe, including - United States, Canada, China, Japan, South Korea, Taiwan, Poland, Czech/Slovak Republics and the main five EU member states - covering 70 percent of world consumption. Details of World and Regional Average Steel Prices are incorporated together with regular forecasts.

A comprehensive commentary is included in each issue showing the reasons behind monthly price movements and new forecast trends.



This is a new report from MEPS outlining steel market trends in the increasingly important emerging markets around the world. Each edition carries steel prices in eight countries - India, UAE, Turkey, South Africa, Russia, Ukraine, Mexico and Brazil. Details of steel prices for eight flat and long products are included.

A comprehensive commentary is included in each issue showing the reasons behind monthly price movements and new forecast trends.